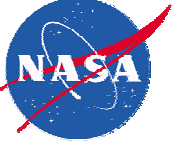


# Computing Environments and Technology Branch Code 585

Branch Technical Status Report

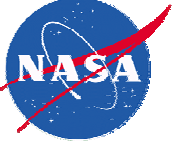
February 25, 2004



# Agenda

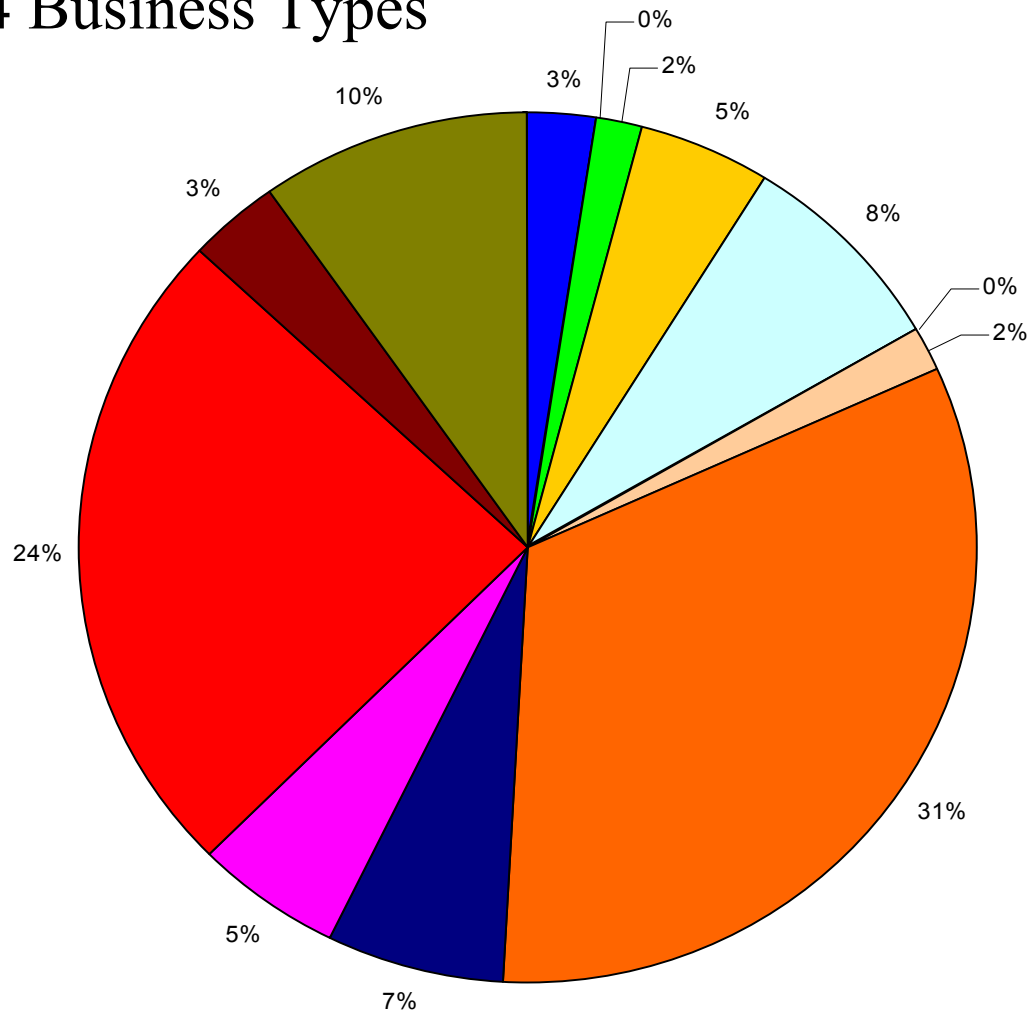
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- ISD Institutional Plan Update  
Steve Naus
- CET Project Status Overview  
Howard Eiserike

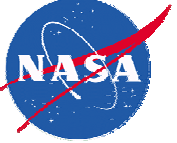


# Staffing Overview

## FY04 Business Types

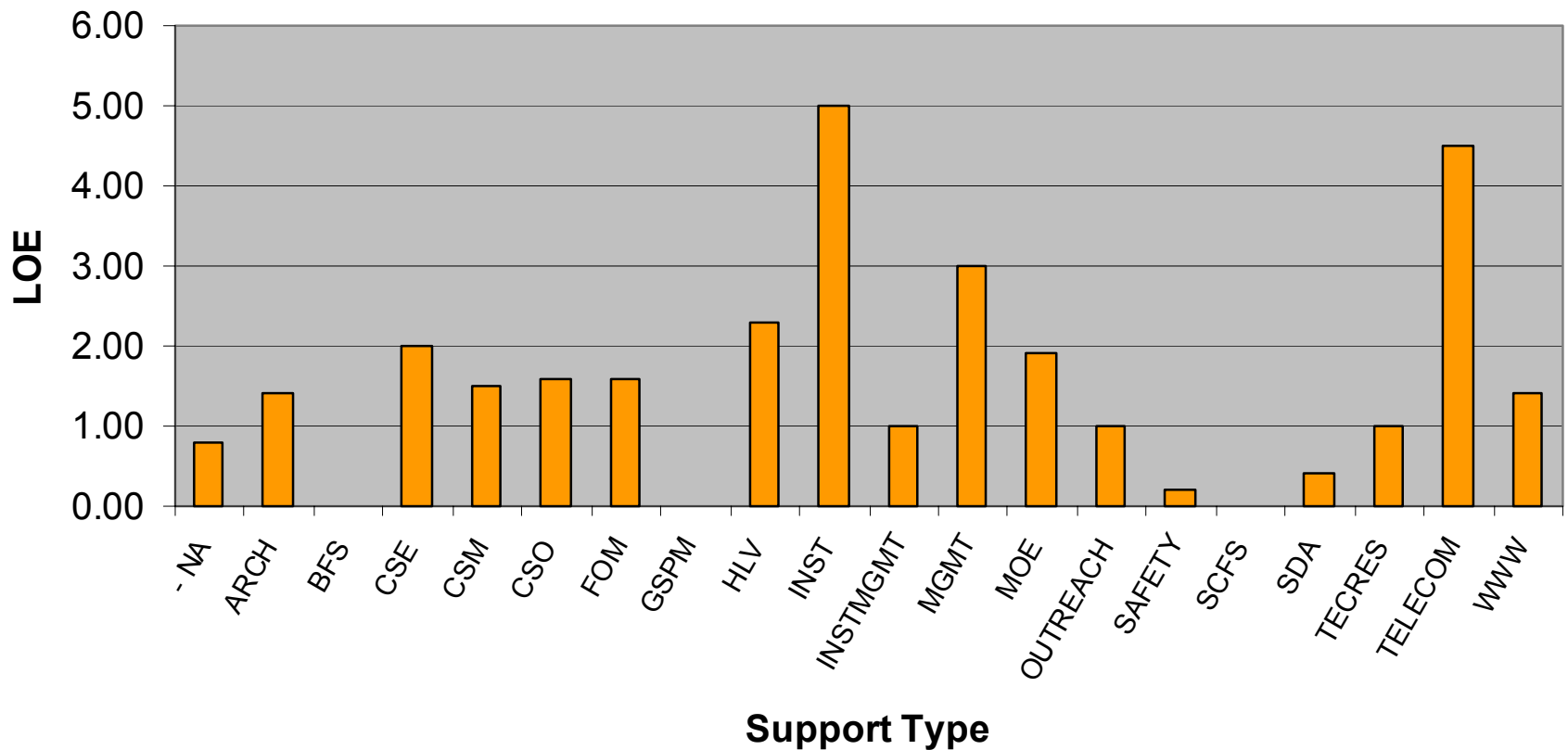


- Other
- AISE-Mission Request
- AISE-Technology
- AISE-Unique
- ISE-Directed, Standard
- ISE-Primary Work, Specialized
- ISE-Primary Work, Specialized Investment
- ISE-Primary Work, Standard
- ISSI-Admin IT
- ISSI-Fac Mgmt
- ISSI-Other
- ISSI-Sys Admin
- Management



# Staffing Overview

**FY04 Support Types**

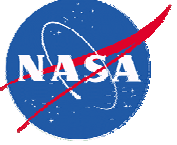




# Staff Transitions

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- Helen Newman: retirement 10/31/03
  - ISE-Primary Work, Standard: -1
- Walt Flournoy: transfer to Code 590 12/01/03
  - ISSI-Other: -1
- Bill Redisch: retirement 01/03/04
  - ISSI-Other: -1
- Corinne Reed-Miller: transition to ASF
  - ISE-Primary Work, Standard: -.5
  - AISE-Technology: +.5



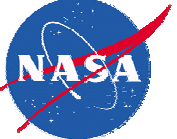
# CET Project Status

Howard Eiserike



# Project Summary

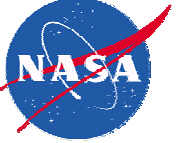
<u>Project</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Last Status</u>	<u>CS</u>	<u>SSC</u>	<u>Status</u>
<b>Branch</b>							
Infrastructure Plan	G	G	G	Feb '04	3	11	Code 582 system admin task added to 585
<b>Info Mgmt.</b>							
Inside AETD, VSDE, 508, EPG, GOBBS, IT Standards	G	G	G	July '03	4.4		Code 290 collaborations
<b>Security</b>							
GITSVITS	G	G	G		1		On-going
Internal Audit	G	G	G		0.5		Action Plan delivered; Lab manager documentation being prepared
<b>Other</b>							
Safety	G	G	G	Sept. '03	1		ISD Safety Plan Roll-out Under way
Outreach	G	G	G	October '02	1		Planning for next VSEP
FOM	G	G	G		1.6		On-going
<b>600</b>							
Data support for LHEA	G	G	G		1		On-going
<b>900</b>							
TOMS DA; CSO	G	G	G		1		Conversion to V.8 of Production TOMS system on hold; Security posture addressed
SDCD Netw ork	G	G	G		3.2		Requirements for wireless classroom being developed
Harlie DA	G	G	G		0.1		Delivery of Harlie DA system near completion
<b>TDRSS</b>							
White Sands Support	G	G	G		1		On-going



# Project Summary

<u>Project</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Last Status</u>	<u>CS</u>	<u>SSC</u>	<u>Status</u>
<b>ESDIS</b>							
I&T	G	G	G		1		Data prepared for MOSS-4 tests
Networking	G	G	G	August '02	1.5		IT Pathfinder IRAD proposal funded
Security	G	G	G		0.5		All security issues closed in prep for Aura; Prepared for FOR
DAAC Eng.	G	G	G		0.9		SEDAC contract in place; ORNL & PODAAC by end of FY04
EDOS	G	G	G	November '01	0.5		Final release for AURA in place. Transition to MOMS completed.
<b>GMSEC</b>							
In-house Team	G	G	G		1.7		Mini projects established
<b>HST</b>							
LAN Admin.	G	G	G		1		On-going
<b>SSMO</b>							
Security	G	G	G		1		On-going
<b>IFMP</b>							
Budget Formulation	G	G	G	February '02	1		BF.5b Released; New schedule for BF 1.0
<b>Pre-launch Missions</b>							
JWST SOC	G	G	G	May '03	1		Prepared and released the RFP reflecting new launch dates and new requirements
NPP SDS	R	R	R		0		Effort at Total Halt.
NPP Requirements	G	G	G		0.7		Performing Mission Level Requirements verification across NASA, IPO, and NOAA
<b>Technology</b>							
ASF	G	G	G		0.5		Definition of detailed user interface requirements on-going.
ADG	G	G	G		0.5		Working on converting non-GRID application to a GRID environment

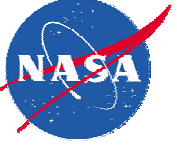




# Acronyms

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ADG	Advanced Data Grid	I&T	integration and test
ASF	Adaptive Sensor Fleet	JWST	James Webb Space Telescope
BAH	Booz Allen Hamilton	LEP	Laboratory for Extraterrestrial Physics (696)
BF	Budget Formulation	LA	Laboratory for Atmospheres
CET	Computing Environments and Technology	LAN	Local Area Network
CM	configuration management	LHEA	Laboratory for High Energy Astrophysics
CSO	Computer Security Official	MEDS	Multidisciplinary Engineering and Development Services
dMDR	delta Mission Definition Review	MLA	Mercury Laser Altimeter
DA	data analysis	MOSS	Mission Operation Science System
DAAC	Distributed Active Archive System	MRT	Mission Readiness Test
DR	discrepancy report	NEX	NASA Excepted positions
ECS	EOS Core System	NISN	NASA Integrated Services Network
EMD	Engineering and Development Services	NPOESS	National Polar Orbiting Environmental Satellite System
ESDIS	Earth Science Data Information System	NPP	NPOESS Preparatory Project
ESMO	Earth Science Mission Operations	NSSDC	National Space Science Data Center
FDS	Flight Dynamics System	OC3	Optical Carrier-3; 155 mbps data rate
FOM	Facility Operations and Maintenance	OMI	Ozone Mapping Instrument
FOR	Flight Operations Review	ORNL	Oak Ridge National Laboratory
FSW	flight software	PODAAC	Physical Oceanography DAAC
GISS	Goddard Institute for Space Science	RF	Radio Frequency
GITSVST	Goddard Information Technology Security Vulnerability Scanning Team	SCIF	Spacecraft Interface Test
GMSEC	GSFC Mission Services Evolution Center	SDCD	Space Data and Computing Division
HST	Hubble Space Telescope	SDP	science data processing
ICD	Interface Control Document	SDS	Science Data Segment
ICT	Interface Confidence Test	SEDAC	Socio Economic Data and Application Center
I/F	interface	SN	Space Network
ISO	International Standards Organization	SOC	Science and Operations Contract
		SOHO	Solar and Heliospheric Observatory
		SOW	statement of work



# Acronyms

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SSMO	Space Science Mission Operations
ST-5	Space Technology 5
STScI	Space Telescope Science Institute
SW	software
TDRSS	Tracking & Data Relay Satellite System
TOMS	Total Ozone Mapping System
VMOC	Virtual Missions Operations Center
VDB	Verification Database
VSEP	Visiting Student Enrichment Program
XML	Extensible Markup Language